

537,842

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/053216 A1

(51) International Patent Classification⁷: **D03D 15/00**,
D04H 13/00

(21) International Application Number:
PCT/EP2003/013503

(22) International Filing Date: 1 December 2003 (01.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI202A002595 6 December 2002 (06.12.2002) IT

(71) Applicant (for all designated States except US): **ORLANDI S.P.A.** [IT/IT]; Via Gesu', 21, I-20121 Milano (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ORLANDI, Vittorio** [IT/IT]; Via L. Manara, 10, I-21010 Arsago Seprio (IT).

(74) Agent: **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittorio, 9, I-20122 Milan (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,

CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FABRIC WITH A BASE OF NON-WOVEN FABRIC STRIPS

(57) Abstract: A textile product is described which is composed of a weft and a warp, in which the weft and/or the warp are composed of strips of non-woven fabric. This product is applied in the production of cloths for cleaning floors, dusters, napkins, bedspreads, couch covers, cushion covers, car seat covers, doormats, etc. The strips of non-woven fabric are preferably composed of hydroentangled or thermobonded fibres, and with a base of materials such as viscose, polyethylene, polypropylene, polyamide, cellulose pulp. The invention also includes mixed textile products, in which non-woven products are combined with materials other than non-woven such as wool, silk, synthetic fibres, etc. This method is advantageously, though not exclusively, suited for recycling even waste materials derived from the processing of non-woven fabric.

WO 2004/053216 A1

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/053216 A1

(51) International Patent Classification⁷: D03D 15/00,
D04H 13/00

(21) International Application Number:
PCT/EP2003/013503

(22) International Filing Date: 1 December 2003 (01.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI2002A002595 6 December 2002 (06.12.2002) IT

(71) Applicant (for all designated States except US): OR-
LANDI S.P.A. [IT/IT]; Via Gesù, 21, I-20121 Milano
(IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ORLANDI, Vittorio
[IT/IT]; Via L. Manara, 10, I-21010 Arsago Seprio (IT).

(74) Agent: GERVASI, Gemma; Notarbartolo & Gervasi
S.p.A., Corso di Porta Vittorio, 9, I-20122 Milan (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only

Published:
— with international search report

(48) Date of publication of this corrected version:
29 December 2004

(15) Information about Correction:
see PCT Gazette No. 53/2004 of 29 December 2004, Sec-
tion II

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: FABRIC WITH A BASE OF NON-WOVEN FABRIC STRIPS

(57) Abstract: A textile product is described which is composed of a weft and a warp, in which the weft and/or the warp are composed of strips of non-woven fabric. This product is applied in the production of cloths for cleaning floors, dusters, napkins, bedspreads, couch covers, cushion covers, car seat covers, doormats, etc. The strips of non-woven fabric are preferably composed of hydroentangled or thermobonded fibres, and with a base of materials such as viscose, polyethylene, polypropylene, polyamide, cellulose pulp. The invention also includes mixed textile products, in which non-woven products are combined with materials other than non-woven such as wool, silk, synthetic fibres, etc. This method is advantageously, though not exclusively, suited for recycling even waste materials derived from the processing of non-woven fabric.

WO 2004/053216 A1